

**Safe disposal of hydrogen@-contg. gas-vapour mixt. from electrolyte - by air dilution of hydrogen@ below a specified amt., then catalytic combustion of hydrogen@ without ammonia redn**

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**Inventor:**

**Applicant:**

**Classification:**

**- international:** C23F1/46; C23G1/36; C25D21/04; C25D21/16

**- european:** C23F1/46

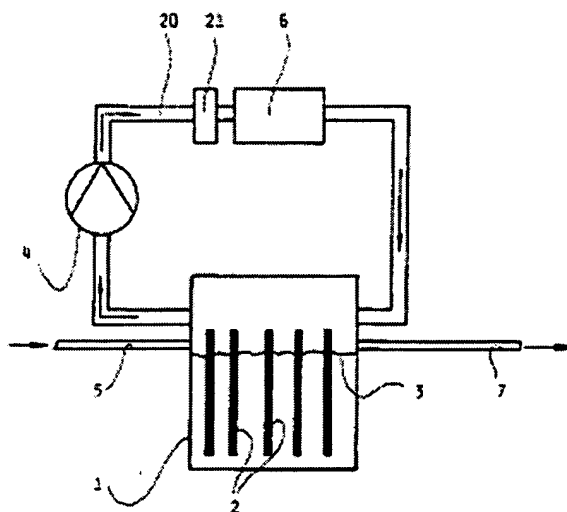
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**Abstract of DE4136885**

Gas-vapour mixtures generated from electrolyte process, e.g. regeneration of ammoniacal etchant, and contg. H<sub>2</sub>, are disposed of by exhausting the mixture with a fan (4), after dilution to H<sub>2</sub> content below 4% by air dilution (5). The diluted mixture is circulated to a reaction vessel (6) for selective catalytic combustion of the H, without redn. of ammonia. The mixture is returned to the cell (1). **ADVANTAGE** - Safe disposal without loss of essential chemicals.



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